

**IN THE CLAIMS:**

The following **Listing of Claims** will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method of manufacturing an electro-active lens comprising:  
  
    providing an electro-active element; and  
  
    covering an exposed surface of the electro-active element to produce an electro-active lens;  
  
    wherein the electro-active element comprises a plurality of pixels; and  
  
    wherein the electro-active lens is capable of focusing an image ~~in~~ from ambient light;  
  
    wherein the electro-active element is connected to a power source; and  
  
    wherein the power source is connected to a hinge screw of a spectacle frame.
2. (Previously Presented) A method as in claim 1, wherein the exposed surface of the electro-active element is covered by a lens blank; and  
  
    wherein the lens blank is selected from the group consisting of a semi-finished blank, an unfinished lens blank, a lens wafer, a preformed optic and a finished lens blank.
3. (Previously Presented) A method as in claim 2, further comprising the forming of a recess in the front or back surface of the lens blank for receiving the electro-active element which is placed on the lens blank.
4. (Previously Presented) The method of claim 3 wherein the recess is formed by one of machining or molding the surface of the lens blank.

5. (Previously Presented) A method as in claim 1, wherein the electro-active element is connected to an electrical bus.
  6. (Previously Presented) A method as in claim 5, wherein the bus is flexible.
  7. (Previously Presented) A method as in claim 5, wherein the bus at least partially encircles the electro-active element.
  8. (Previously Presented) A method as in claim 5, wherein the bus is connected to a transparent electro-active lead that reaches into a periphery of the electro-active lens.
  9. (Previously Presented) A method as in claim 5, wherein the bus comprises a plurality of transparent electrical leads that radiate outward from the electro-active element.
  10. (Previously Presented) A method as in claim 5, wherein the bus contains at least one perforation.
  11. (Previously Presented) A method as in claim 1, wherein the electro-active element is connected to a controller.
- Claims 12-16 are cancelled.
17. (Previously Presented) A method as in claim 1, wherein the covering is formed by molding.
  18. (Previously Presented) A method as in claim 1, wherein the covering is formed by surface-casting.
  19. (Previously Presented) A method as in claim 1, wherein the covering is formed by conformal sealing.
  20. (Previously Presented) A method as in claim 1, wherein the covering is formed by a lens wafer.

21. (Previously Presented) A method as in claim 2, wherein the lens blank is a finished lens blank having an optical power equal to a wearer's distance vision prescription.
22. (Previously Presented) A method as in claim 2, wherein the lens blank is a finished lens blank having an optical power equal to zero.
23. (Previously Presented) A method as in claim 1, wherein the electro-active element provides a refractive change.
24. (Previously Presented) A method as in claim 23, wherein the refractive change corrects for a higher order aberration.
25. (Currently Amended) A method as in claim 23, wherein the refractive change corrects for a ~~non-conventional~~ refractive error of an eye: other than myopia, hyperopia, presbyopia, and regular astigmatism.
26. (Previously Presented) A method as in claim 23, wherein the refractive change corrects for conventional refractive error of an eye;
- wherein the conventional refractive error is at least one of myopia, hyperopia, presbyopia or regular astigmatism.
27. (Previously Presented) The method of claim 1 where in the electro-active element is connected to a view detector.
28. (Currently Amended) ~~A lens manufactured according to the method of claims 2~~ A method of manufacturing an electro-active lens comprising:
- providing an electro-active element;
- covering an exposed surface of the electro-active element to produce an electro-active lens;

wherein the electro-active element comprises a plurality of pixels,  
the electro-active lens is capable of focusing an image from ambient light,  
the exposed surface of the electro-active element is covered by a lens blank,  
the lens blank is selected from a group comprising a semi-finished blank, an unfinished  
lens blank, a lens wafer, a preformed optic and a finished lens blank,

~~wherein~~ the lens blank corrects at least one of a wearer's conventional and non-conventional refractive error, and

~~wherein~~ the electro-active element corrects the wearer's spherical error.

29. (Currently Amended) A method of manufacturing an electro-active lens from a lens blank comprising

providing a lens blank comprising a front and back surface, a thickness and an index of refraction, the front or back lens blank surface having a recess;

placing an electro-active element containing a plurality of pixels within the recess of the lens blank surface; and

forming a covering layer over the surface of the lens blank containing the electro-active element;

wherein the electro-active element is capable of focusing an image in ambient light; and

wherein the covering layer is formed by way of curing an optical resin.

30. (Previously Presented) A method as in claim 29, wherein the covering layer is formed by way of a lens wafer.

Claims 31-34 are cancelled.

35. (Previously Presented) A method as in claim 5, wherein the bus is bonded to the lens blank.

Attorney Docket No. 63049.000088  
Attorney Customer No. 27682

Claim 36 is cancelled.